

Converting Colors

HunterLab(37.9066, 20.4676,
-91.0876)

Have a look what the booklet for
HunterLab(37.9066, 20.4676,
-91.0876) contains.

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Color

**HunterLab(37.9066, 20.4676,
-91.0876)**

Conversions

Conversions Part 1

Format	Color
Hex	0562E4
RGB	5, 98, 228
RGB Percent	2%, 38%, 89%
CMY	0.9802, 0.6157, 0.1059
CMYK	0.98, 0.57, 0.00, 0.11
HSL	215°, 96%, 46%
HSV	215°, 98%, 89%
XYZ	18.4339, 14.3691, 75.2009
YIQ	85.0130, -97.1580, 20.7140

Conversions

Conversions Part 2

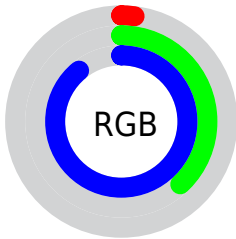
Format	Color
RYB	5, 71, 228
Decimal	352996
CIELab	44.76, 27.54, -72.03
CIELCh	45, 77.116, 290.921
Yxy	14.3694, 0.1707, 0.1330
Android (android.graphics.Color)	4278543076 (0xFF0562E4)
YUV	85.0130, 70.4926, -70.1714
Hunter-Lab	37.9066, 20.4676, -91.0876

Details

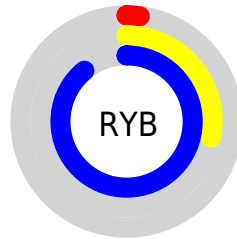
The HunterLab color **37.9066, 20.4676, -91.0876** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **58.1806, 23.0381, 36.1059**, and the grayscale version is **29.9274, -1.5968, 1.6260**.

A 20% lighter version of the original color is **56.1477, 12.0674, -65.0933**, and **23.4232, 24.7281, -82.6579** is the 20% darker color. If you saturate the color by 10%, you get **37.1414, 21.9921, -93.8981**, and if you desaturate by 10%, it is **41.5688, 13.9752, -78.8309**.

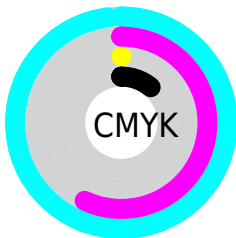
Distribution



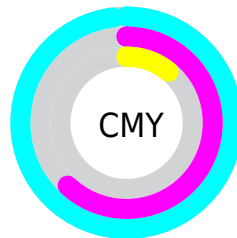
- Red (2%)
- Green (38%)
- Blue (89%)



- Red (2%)
- Yellow (28%)
- Blue (89%)



- Cyan (98%)
- Magenta (57%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (62%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9066, 20.4676, -91.0876 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 37.9066, 20.4676, -91.0876 by changing the saturation by 10% instead.

■ 37.9066, 20.4676,
-91.0876

■ 37.9066, 20.4676,
-91.0876

■ 148.1611, 25.4151,
-95.5263

■ 28.9449, 19.4276,
-92.9628

■ 58.0888, 22.1845,
-90.3388

■ 20.8274, 18.2433,
-97.0752

■ 69.2056, 22.8838,
-90.6907

■ 13.6538, 16.9100,
-106.0507

■ 80.9531, 23.4918,
-91.2829

■ 7.2578, 17.2588,
-134.2896

■ 93.2989, 24.0169,
-92.0219

0.0000, INF, -NF

0.0000, NaN, -NF

■ 106.2154, 24.4662,
-92.8487

0.0000, NaN, -NF

119.6785, 24.8458,

0.0000, NaN, -NF

-93.7243

0.0000, NaN, NaN

133.6667, 25.1606,
-94.6228

■ 37.9066, 20.4676,
-91.0876

■ 37.9066, 20.4676,
-91.0876

■ 37.1414, 21.9921,
-93.8981

■ 41.5688, 13.9752,
-78.8309

■ 45.6728, 8.5300,
-66.9903

■ 50.1796, 4.1693,
-55.7320

■ 55.0396, 0.8137,
-45.1381

■ 60.2071, -1.6541,
-35.2109

■ 65.6424, -3.3577,
-25.9065

■ 71.3123, -4.4111,
-17.1601

■ 77.1891, -4.9138,
-8.9015

■ 83.2500, -4.9497,
-1.0629

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.9070, -10.5797, -99.4982



37.9066, 20.4676, -91.0876



37.9070, 52.9267, -50.2621

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.9070, 20.4695, -91.0866



37.9070, 40.8493, 24.6090



37.9070, -43.3941, 9.6393

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.9066, 20.4676, -91.0876



58.1806, 23.0381, 36.1059

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.9070, -36.8140, 22.7680



37.9066, 20.4676, -91.0876



37.9070, 7.3635, 26.4234

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.9070, 20.4695, -91.0866



37.9070, 66.9770, 16.7331



37.9070, -20.2528, 25.9732



37.9070, -41.8341, -22.7517

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.9066, 20.4676, -91.0876



37.9070, 67.9948, -20.1944



37.9070, -20.2528, 25.9732



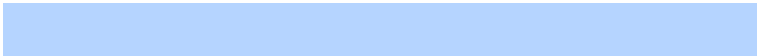
37.9070, -42.1608, 15.8192

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.9070, 20.4695, -91.0866



80.0475, -4.8808, -20.8351



75.6103, -56.9373, 28.6465



35.7481, -2.0407, -11.5935

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9070, 20.4695, -91.0866



41.9418, 25.4901, -107.4494



24.2058, 63.4275, -163.7595



38.5609, -2.3324, -1.1028



28.6138, 15.8187, -69.9128



8.8600, 2.0334, -15.4637

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.8160, 73.0450, 10.6617



47.2303, 83.0999, 13.3358



83.4656, -27.9027, 50.8394



38.0357, 2.0717, 1.3329



31.6611, 55.7998, 8.2169



8.7116, 15.5516, 0.7250

Previews

White Background



This preview shows how the HunterLab color 37.9066, 20.4676, -91.0876 looks on a white background.

Color Contrast Check

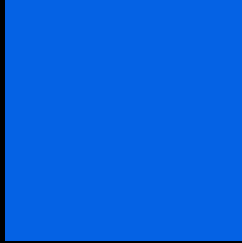
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 37.9066, 20.4676, -91.0876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

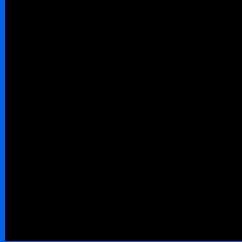
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.9066, 20.4676, -91.0876 Background



This preview shows how black text looks on a background with the HunterLab color 37.9066, 20.4676, -91.0876.



This preview shows how white text looks on a background with the HunterLab color 37.9066, 20.4676, -91.0876.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.9066, 20.4676, -91.0876

Deuteranopia

37.7199, 0.8073, -48.8893

Tritanopia

37.6534, -18.4904, -7.1480

Trichromacy



Original Color

37.9066, 20.4676, -91.0876

Deuteranomaly

37.5907, 7.9037, -63.8548

Tritanomaly

37.1125, -6.6411, -31.8566

Monochromacy



Original Color

37.9066, 20.4676, -91.0876

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.5582, 0.2176, -25.0143

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9066, 20.4676, -91.0876 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(5, 98, 228)` looks like.

```
.text, #text, p{  
    color:rgb(5, 98, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(5, 98, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 98, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9066, 20.4676, -91.0876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(5, 98, 228) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(5, 98, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(5, 98, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 98, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 98, 228);  
box-shadow:4px 4px 4px 4px rgb(5, 98, 228)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 37.9066, 20.4676, -91.0876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 98, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(5, 98,  
228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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